UNIVERSITY *of* WASHINGTON
OFFICE OF EDUCATIONAL ASSESSMENT

UW Alumni Survey Results
2020-2021 MASTERS Degree Recipients

	Applied Mathematics		A&S Natural Sciences		Arts & Sciences		UW Seattle	

Graduates Surveyed

	N	%	N	%	N	%	N	%
Total	123	100%	303	100%	630	100%	4305	100%
Women	47	38%	160	53%	358	57%	2398	56%
Men	76	62%	143	47%	272	43%	1907	44%
African American	1	1%	5	2%	19	3%	162	4%
American Indian	0	0%	0	0%	3	0%	49	1%
Asian American	9	7%	33	11%	70	11%	680	16%
Caucasian	38	31%	128	42%	267	42%	1942	45%
Hawaiian/Pacific Islander	0	0%	3	1%	5	1%	28	1%
Hispanic/Latino	6	5%	20	7%	58	9%	302	7%
Other/Not Indicated	69	56%	114	38%	208	33%	1142	27%
International	67	54%	108	36%	191	30%	1042	24%

Survey Response Rates

	N	%	N	%	N	%	N	%
Total	24	20%	59	19%	152	24%	1174	27%
Women	9	38%	31	53%	91	60%	671	57%
Men	15	63%	28	47%	61	40%	503	43%
African American	0	0%	1	2%	6	4%	37	3%
American Indian	0	0%	0	0%	3	2%	16	1%
Asian American	2	8%	4	7%	13	9%	171	15%
Caucasian	12	50%	32	54%	72	47%	572	49%
Hawaiian/Pacific Islander	0	0%	1	2%	1	1%	8	1%
Hispanic/Latino	2	8%	6	10%	13	9%	81	7%
Other/Not Indicated	8	33%	15	25%	44	29%	289	25%
International	8	33%	15	25%	41	27%	264	22%

Current Status

	N	%	N	%	N	%	N	%
Employed for pay full time	13	54%	30	51%	90	59%	901	77%
Employed for pay part time	1	4%	2	3%	7	5%	47	4%
Participating in a volunteer or service program	1	4%	1	2%	1	1%	4	0%
Serving in the U.S. military	0	0%	0	0%	1	1%	8	1%
Enrolled in a certificate or degree program	4	17%	18	31%	31	20%	88	7%
Planning to continue education	0	0%	0	0%	3	2%	5	0%
Seeking employment	3	13%	4	7%	10	7%	79	7%
A fellowship	2	8%	2	3%	4	3%	18	2%
Not seeking employment or continuing education	0	0%	2	3%	5	3%	24	2%

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Employed Full Time or Part time

Type of employment

	N	%	N	%	N	%	N	%
Employee working for a company or organization	11	85%	24	80%	76	81%	849	92%
Entrepreneur/self-employed	1	8%	2	7%	4	4%	9	1%
Temporary/contract work assignment	0	0%	1	3%	5	5%	28	3%
Freelance	0	0%	0	0%	0	0%	0	0%
Postgraduate internship or fellowship	0	0%	1	3%	2	2%	10	1%
Faculty tenure track position	0	0%	0	0%	0	0%	4	0%
Faculty non-tenure track position	1	8%	1	3%	3	3%	12	1%
Other	0	0%	1	3%	4	4%	11	1%

Career related

	N	%	N	%	N	%	N	%
Yes	12	92%	27	90%	87	93%	878	96%
No	1	8%	3	10%	7	7%	40	4%

Job location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	4	31%	19	63%	58	64%	589	66%
Other Washington	0	0%	0	0%	3	3%	34	4%
Alaska, Idaho, Oregon	1	8%	1	3%	2	2%	18	2%
California, Hawaii	4	31%	5	17%	8	9%	77	9%
Mountain states	1	8%	1	3%	3	3%	24	3%
Central states	0	0%	0	0%	2	2%	30	3%
Eastern states	2	15%	3	10%	9	10%	56	6%
International	1	8%	1	3%	6	7%	63	7%

Type of employer

	N	%	N	%	N	%	N	%
For-profit company	8	67%	14	52%	51	60%	527	59%
Non-profit/NGO	0	0%	3	11%	14	16%	108	12%
Government	2	17%	7	26%	16	19%	214	24%
Other	2	17%	3	11%	4	5%	39	4%

Search time (weeks)

N		5		16		50		512
Mean		10.4		5.9		11.8		11.5
SD		6		5		10		10
Range	6	20	0	20	0	52	0	53

Salary

N		8		21		65		724
Mean		104,825		80,822		83,735		95,246
SD		28,861		29,074		30,532		52,455
Range	70,000	150,000	44,652	150,000	36,000	186,000	10,000	600,000

First year bonus

N		2		5		16		198
Mean		20,450		11,840		11,888		21,446
SD		23,405		15,144		10,470		25,047
Range	3,900	37,000	300	37,000	300	37,000	300	177,000

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Participating in a Volunteer or Service Program
Program location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	1	100%	1	100%	1	100%	3	75%
Other Washington	0	0%	0	0%	0	0%	0	0%
Alaska, Idaho, Oregon	0	0%	0	0%	0	0%	0	0%
California, Hawaii	0	0%	0	0%	0	0%	0	0%
Mountain states	0	0%	0	0%	0	0%	0	0%
Central states	0	0%	0	0%	0	0%	0	0%
Eastern states	0	0%	0	0%	0	0%	0	0%
International	0	0%	0	0%	0	0%	1	25%

Serving in the US Military
Service branch

	N	%	N	%	N	%	N	%
Air Force	0	0%	0	0%	0	0%	2	25%
Army	0	0%	0	0%	1	100%	4	50%
Coast Guard	0	0%	0	0%	0	0%	0	0%
Marine Corps	0	0%	0	0%	0	0%	0	0%
Navy	0	0%	0	0%	0	0%	2	25%

Status

	N	%	N	%	N	%	N	%
Active duty	0	0%	0	0%	1	100%	7	88%
Reserve	0	0%	0	0%	0	0%	0	0%
National Guard	0	0%	0	0%	0	0%	1	13%

Enrolled in Educational Program
Degree program

	N	%	N	%	N	%	N	%
Certificate	0	0%	1	6%	2	7%	2	2%
Advanced Certificate	0	0%	0	0%	1	3%	1	1%
Associate (AA/AS)	0	0%	0	0%	0	0%	0	0%
Bachelor (BA/BS)	0	0%	0	0%	0	0%	0	0%
Masters (MA/MS) – terminal degree	0	0%	0	0%	0	0%	5	6%
Masters (MA/MS) – leading to doctorate	0	0%	0	0%	0	0%	1	1%
Doctorate (PhD/EdD)	4	100%	16	94%	27	90%	71	85%
Professional (JD, MD, DDS, PharmD)	0	0%	0	0%	0	0%	3	4%
Non-Degree Seeking	0	0%	0	0%	0	0%	0	0%
Postdoctoral Studies	0	0%	0	0%	0	0%	0	0%
Other	0	0%	0	0%	0	0%	1	1%

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School location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	2	50%	11	69%	18	64%	52	64%
Other Washington	0	0%	0	0%	0	0%	0	0%
Alaska, Idaho, Oregon	0	0%	0	0%	0	0%	1	1%
California, Hawaii	0	0%	1	6%	4	14%	5	6%
Mountain states	0	0%	0	0%	0	0%	3	4%
Central states	0	0%	0	0%	0	0%	1	1%
Eastern states	2	50%	2	13%	2	7%	9	11%
International	0	0%	2	13%	4	14%	10	12%

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All Respondents

Authorized to permanently work in the U.S.

	N	%	N	%	N	%	N	%
Yes	18	82%	45	82%	115	80%	908	82%
No	4	18%	10	18%	29	20%	204	18%

Amount UW academic program ADVANCED LEARNING

1=Not at all; 2=Somewhat; 3=Moderately; 4=Very much

	N	Mean	N	Mean	N	Mean	N	Mean
Acquiring deep knowledge in your chosen field of study	19	3.6	49	3.4	133	3.4	1058	3.3
Writing effectively	19	2.7	49	2.8	133	3.1	1052	3.0
Speaking effectively about ideas, projects, and plans	19	2.7	49	2.9	133	3.1	1050	3.0
Critically analyzing the research, technical literature, and/or performance in your field	19	3.1	49	3.2	133	3.2	1051	3.2
Identifying important questions in your field	19	3.0	49	3.0	133	3.3	1051	3.3
Identifying and using the best methods for answering specific questions in your field	19	3.4	49	3.3	133	3.2	1050	3.2
Knowing how to generate original/creative ideas, solutions, and research directions	19	2.9	48	3.0	132	3.2	1050	3.0
Knowing how to put research ideas into practice in your field	19	3.0	48	2.9	132	3.0	1047	2.9
Understanding ethics and ethical practice in your field	19	2.6	49	2.7	133	3.1	1048	3.1
Understanding, evaluating, and using the quantitative methods relevant to your field	19	3.3	49	3.1	133	3.0	1048	3.0
Mastering specialized instruments, computer programs, or materials important to your field	19	3.5	49	3.2	133	2.9	1049	2.7
Learning independently	19	3.3	49	3.3	133	3.3	1044	3.2
Working collaboratively with others within your field	18	2.6	48	3.0	132	3.2	1046	3.2
Working collaboratively with interdisciplinary groups	19	2.5	49	2.6	133	2.9	1045	3.0
Understanding and valuing diverse people and cultures	18	2.8	48	2.7	131	3.2	1045	3.2
Using self-reflection and self-assessment to guide next directions	19	2.9	49	2.9	133	3.2	1049	3.1

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IMPORTANCE to current work and life   1=Not at all; 2=Somewhat; 3=Moderately; 4=Very

	N	Mean	N	Mean	N	Mean	N	Mean
Acquiring deep knowledge in your chosen field of study	19	3.8	47	3.6	127	3.7	994	3.5
Writing effectively	19	3.4	48	3.3	127	3.5	985	3.3
Speaking effectively about ideas, projects, and plans	18	3.3	47	3.4	125	3.6	982	3.5
Critically analyzing the research, technical literature, and/or performance in your field	19	3.5	48	3.4	125	3.4	982	3.3
Identifying important questions in your field	19	3.5	48	3.4	126	3.4	983	3.4
Identifying and using the best methods for answering specific questions in your field	18	3.7	46	3.5	123	3.5	979	3.4
Knowing how to generate original/creative ideas, solutions, and research directions	19	3.5	48	3.5	126	3.5	982	3.4
Knowing how to put research ideas into practice in your field	19	3.3	48	3.3	126	3.3	982	3.2
Understanding ethics and ethical practice in your field	19	3.4	48	3.3	126	3.3	982	3.4
Understanding, evaluating, and using the quantitative methods relevant to your field	18	3.5	47	3.2	124	3.1	982	3.2
Mastering specialized instruments, computer programs, or materials important to your field	19	3.4	48	3.3	126	3.3	986	3.2
Learning independently	19	3.5	48	3.5	126	3.5	978	3.4
Working collaboratively with others within your field	18	3.5	47	3.5	125	3.6	981	3.6
Working collaboratively with interdisciplinary groups	19	3.3	48	3.3	126	3.5	983	3.5
Understanding and valuing diverse people and cultures	19	3.4	48	3.4	126	3.5	985	3.5
Using self-reflection and self-assessment to guide next directions	19	3.6	48	3.5	126	3.5	984	3.4

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Overall UW experience

1=Poor; 2=Fair; 3=Good; 4=Excellent

	N	Mean	N	Mean	N	Mean	N	Mean
The help you received from your graduate thesis (MA/MS graduates) or dissertation (PhD graduates) committee members	16	3.1	43	2.8	118	2.9	943	3.0
The help you received from graduate student colleagues	19	2.9	46	3.1	125	3.2	1003	3.2
The help you received navigating the job market	18	2.2	45	2.2	122	2.3	988	2.4
Your overall learning experience at the UW	19	3.4	47	3.0	124	3.1	993	3.2

1=Strongly Disagree; 2=Disagree; 3=Agree; 4=Strongly Agree

	N	Mean	N	Mean	N	Mean	N	Mean
Faculty treated students respectfully - regardless of race, gender, ethnicity, sexuality, and country of origin.	18	3.7	46	3.5	125	3.5	1006	3.6
Students in my major treated each other respectfully - regardless of race, gender, ethnicity, sexuality, and country of origin.	19	3.7	47	3.6	127	3.6	1011	3.6
Classrooms, labs, and other campus spaces were accessible.	18	3.0	46	3.0	126	3.0	994	3.1
If I had to make my college choice over again, I would choose to attend UW.	19	3.5	47	3.2	127	3.3	1013	3.3

1=Strongly Dissatisfied; 2= Dissatisfied; 3= Satisfied; 4= Strongly Satisfied

	N	Mean	N	Mean	N	Mean	N	Mean
How satisfied are you with your overall experience at UW?	19	3.4	46	3.1	124	3.2	989	3.2

Current activity roster

Employed Full Time or Part time

Job title	Employing organization
Quality Assurance Engineer	Los Alamos National Laboratory
Credit Systems Analyst	BECU
Technical Program Manager	
CTO	
Lecturer	
Investment Analyst	Parametric Portfolio Associates
Data Scientist	Ford Motor Company
Machine Learning Engineer	
Staff Computer Scientist	Lawrence Livermore National Laboratory
Sr. Product Manager	ServiceNow
SDE I	Amazon.com
Data Analyst	RiskSpan

Participating in a Volunteer or Service Program

Organization	Role or job title
BattGenie Inc.	Battery Controls Engineering Intern

Enrolled in Educational Program

Program of study	Institution
	Columbia University
Physics	UW
Quantitative Ecology & Resource Management	University of Washington
	North Carolina State University